

IN THE CLAIMS

Kindly amend Claim 1 as shown in the following claim listing:

1. (currently amended)            An integrated circuit (100),  
comprising:

    an external power supply line (130);

    an internal power supply line (120);

    a circuit portion (102) coupled to the internal power  
supply line (120);

    an enable transistor (104) for coupling the internal  
power supply line (120) to the external power supply line (130);  
and

    control means (150, 160) coupled to a gate of the enable  
transistor (104) for switching the enable transistor (104) to a  
conductive state with a first gate voltage, and to a non-conductive  
state with a second gate voltage,

    characterized in that the control means (150, 160) are  
arranged to reduce a leakage current through the enable transistor  
(104) in the non-conductive state by biasing the gate with the  
second gate voltage, which is obtained from a back bias power supply  
line (140) which is separate from said external power supply line  
(130).

2. (original)      An integrated circuit (100) as claimed in claim 1,  
characterized in that the control means (150) comprise a further  
transistor (154) having a substrate that is conductively insulated  
from a bulk substrate of the integrated circuit, the substrate  
being coupled to a bias voltage source (170), and the further  
transistor (154) being responsive to a control signal for switching  
the enable transistor (104) to a non-conductive state.

3. (original) An integrated circuit (100) as claimed in claim 2, characterized in that the bias voltage source (170) comprises a backbias generator being responsive to the control signal.

4. (original) A battery-powered electronic device (200), comprising a power supply line (230) coupled to a contact (222) of a battery container (220), characterized in that the power supply line (230) is coupled to an external power supply line (130) of an integrated circuit (100) according to claim 1.